

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT NAME: JMB CADMIUM PIGMENT CP6350
US D.O.T. / UN NAME: NOT REGULATED FOR TRANSPORT
RECOMMENDED USES: PIGMENT FOR USE IN PLASTICS, ARTISTS' COLORS, PAINTS; COLORING MATERIAL FOR USE IN CERAMICS AND GLASS
NOT FOR USE IN TATTOO INKS, COSMETICS, ANY MEDICAL RELATED APPLICATIONS

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SECTION 2 - HAZARD IDENTIFICATION

GHS HAZARD CLASSIFICATION:
NOT CLASSIFIED
GHS LABEL ELEMENTS:
SIGNAL WORD: NO SIGNAL WORD
LABEL CODES / PICTOGRAMS: NO PICTOGRAMS
HAZARD STATEMENTS: NONE UNDER GHS CLASSIFICATION

PRECAUTIONARY STATEMENTS :

PREVENTION : NONE ASSIGNED UNDER GHS
RESPONSE : NONE ASSIGNED UNDER GHS
STORAGE : NONE ASSIGNED UNDER GHS
DISPOSAL : NONE ASSIGNED UNDER GHS

OTHER HAZARDS / U.S. - HAZARDS NOT OTHERWISE CLASSIFIED / UN GHS - OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION:
SEE 29 CFR 1910.1027 FOR THE OSHA CADMIUM STANDARD

NOTE - CADMIUM PIGMENTS ARE MUCH LESS HAZARDOUS THAN OTHER CADMIUM COMPOUNDS AS THEY ARE EXTREMELY INSOLUBLE. THIS GREATLY REDUCES THE RISK OF ABSORPTION OF CADMIUM INTO THE BODY AND ALSO GREATLY REDUCES THEIR ENVIRONMENTAL HAZARD. AS SUCH, THE PRODUCER - JAMES M. BROWN LTD. - HAS NOT CLASSIFIED THEIR CADMIUM PIGMENTS AS HAZARDOUS UNDER THE GHS SYSTEM FOR THE US OR UNDER EU REACH STANDARDS. THE CATEGORY "CADMIUM AND CADMIUM COMPOUNDS" IS REGULATED UNDER VARIOUS U.S. LAWS (SARA 313, CERCLA, RCRA, OSHA CADMIUM STANDARD AT 29 CFR 1910.1027, CALIFORNIA PROPOSITION 65, VARIOUS STATE LISTS, ETC.) AS INDICATED ON THIS SAFETY DATA SHEET.

PER THE OSHA CADMIUM STANDARD - DO NOT EAT, DRINK, SMOKE, CHEW TOBACCO OR GUM, OR APPLY COSMETICS IN REGULATED AREAS, CARRY THE PRODUCTS ASSOCIATED WITH THESE ACTIVITIES INTO REGULATED AREAS, OR STORE SUCH PRODUCTS IN THOSE AREAS. (REGULATED AREA = AREA WHEREVER AN EMPLOYEE'S EXPOSURE TO AIRBORNE CONCENTRATIONS OF CADMIUM IS, OR CAN REASONABLY BE EXPECTED TO BE IN EXCESS OF THE PERMISSIBLE EXPOSURE LIMIT - SEE SECTION 8)

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CHEMICAL COMPOSITION:	COMPONENTS:	CAS NO.	%
	AS MIXTURES, ALL COLORS MAY CONTAIN (SEE NOTE 1):		25-100
	C.I. PIGMENT RED 108 - CADMIUM SULFOSELENIDE RED	58339-34-7	
	C.I. PIGMENT ORANGE 20 - CADMIUM SULFOSELENIDE ORANGE	12656-57-4	
	C.I. PIGMENT YELLOW 35 - CADMIUM ZINC SULFIDE YELLOW	8048-07-5	
	PLUS		
	C.I. PIGMENT WHITE 21 - BARIUM SULFATE (SEE NOTE 2)	7727-43-7	0-75
	SYNONYMS: AS LISTED UNDER COMPONENTS		
	CHEMICAL FAMILY: INORGANIC PIGMENTS		

NOTE 1: THESE SUBSTANCES ARE SPECIFICALLY EXCLUDED FROM THE SPECIFIC CLASSIFICATION AND LABELLING ENTRIES IN THE GHS TABLE COVERING CADMIUM COMPOUNDS. THEY HAVE BEEN SELF-CLASSIFIED BY THE PRODUCER AS NOT HAZARDOUS ON THE BASIS OF THEIR PHYSICAL AND CHEMICAL PROPERTIES - PARTICULARLY THEIR EXTREME INSOLUBILITY. A RISK ASSESSMENT CONDUCTED BY THE EU CONCLUDED THAT THESE PRODUCTS OFFER NO SIGNIFICANT HAZARD TO EITHER HUMAN HEALTH OR THE ENVIRONMENT. THEIR REACH REGISTRATION HAS CONFIRMED THAT NO CLASSIFICATIONS APPLY - EITHER FOR HUMAN HEALTH OR THE ENVIRONMENT.

NOTE 2: BARIUM SULFATE IS PRESENT IN EXTENDED / REDUCED STRENGTH (LITHOPONE-LIKE) PIGMENTS/COLORS. IT MAY ALSO BE PRESENT AT LOWER LEVELS IN CADMIUM "PURE" TYPE PIGMENTS TO CONTROL STRENGTH TO CUSTOMERS' STANDARDS.

SECTION 4 - FIRST AID MEASURES

FIRST AID/ RESPONSE	FIRST AID RESPONDERS SHOULD WEAR PERSONAL PROTECTIVE EQUIPMENT
SKIN :	IF ON SKIN: PROMPTLY WASH OFF WITH SOAP & WATER. REMOVE CONTAMINATED CLOTHING. GET MEDICAL ADVICE/ATTENTION IF IRRITATION OCCURS. WASH CONTAMINATED CLOTHING BEFORE REUSE.
EYES :	IF IN EYES: RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO DO. CONTINUE RINSING. GET MEDICAL ADVICE/ATTENTION IF IRRITATION OCCURS.

INHALATION : IF INHALED: REMOVE VICTIM TO FRESH AIR AND KEEP AT REST IN A POSITION COMFORTABLE FOR BREATHING. GET MEDICAL ADVISE / ATTENTION IF ANY ADVERSE SYMPTOMS OCCUR.

INGESTION : IF SWALLOWED: RINSE MOUTH WITH WATER, THEN DRINK WATER TO DILUTE. INDUCE VOMITING ONLY UNDER THE DIRECTION OF MEDICAL PERSONNEL. NEVER GIVE ANYTHING BY MOUTH IF THE VICTIM IS UNCONSCIOUS. GET MEDICAL ATTENTION IF LARGE QUANTITY IS INGESTED OR IF YOU FEEL UNWELL.

MOST IMPORTANT SYMPTOMS/EFFECTS, ACUTE AND DELAYED

AS INORGANIC POWDER, INHALATION OF DUST MAY CAUSE DRYNESS OF MOUTH, COUGHING; DUST CONTACT EYES MAY CAUSE IRRITATION / SORENESS. NO SYMPTOMS EXPECTED FROM SKIN CONTACT OTHER THAN TEMPORARY COLORATION OF THE AFFECTED AREA. INGESTION MAY CAUSE SLIGHT IRRITATION OF MOUTH AND THROAT.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED, IF NECESSARY

CALL A POISON CENTER/DOCTOR/PHYSICIAN IN THE EVENT OF MAJOR INHALATION OR INGESTION

SECTION 5 – FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA : WATER : (X-AS FOG) FOAM : (X) CO₂: (X) DRY CHEMICAL: (X)
NON-FLAMMABLE – USE MEDIA SUITABLE FOR THE SURROUNDING AREA

SPECIFIC HAZARDS IN CASE OF FIRE : FIRE CONDITIONS MAY EMIT TOXIC / IRRITATING FUMES (CADMIUM OXIDE, SULFUR DIOXIDE) AND GASES (SULFUR DIOXIDE) UPON THERMAL DECOMPOSITION.

SPECIAL PROTECTIVE EQUIPMENT & PRECAUTION FOR FIRE FIGHTERS : IN CASE OF FIRE INVOLVING THIS MATERIAL, DO NOT ENTER THE FIRE AREA WITHOUT FULL PROTECTIVE EQUIPMENT INCLUDING SELF-CONTAINED BREATHING APPARATUS. STAY UPWIND AND ISOLATE THE AREA OF THOSE WITHOUT PROTECTIVE EQUIPMENT/ RESPIRATORY PROTECTION. COLLECT ALL FIRE CONTROL WATER FOR PROPER DISPOSAL – DO NOT ALLOW IT TO ENTER DRAINS OR WATERWAYS.

SECTION 6 – ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS: WEAR FULL PROTECTIVE EQUIPMENT (SEE SECTION 8). KEEP UNPROTECTED PERSONNEL OUT OF THE AREA. REMOVE CONTAMINATED CLOTHING/EQUIPMENT AND WASH THOROUGHLY AFTER HANDLING / CLEANING THE SPILL.

ENVIRONMENTAL PRECAUTIONS: DO NOT RELEASE TO SEWERS, WATERWAYS AND THE ENVIRONMENT. DISPOSE OF PROPERLY VIA LICENSED CHEMICAL WASTEHAULER (SEE SECTION 13).

METHODS AND MATERIAL FOR CONTAINMENT AND CLEAN UP: SCOOP, SHOVEL OR USE A VACUUM WITH A HEPA FILTER TO COLLECT SPILL. AVOID GENERATING DUST; IF NEEDED LIGHTLY DAMP DOWN MATERIAL WITH WATER TO CONTROL DUST LEVELS. PLACE INTO A PROPERLY LABELED IMPERMEABLE BAG/CONTAINER AND SEAL. MATERIAL WILL BE CLASSIFIED AS RCRA HAZARDOUS WASTE AND MUST BE LABELLED IN ACCORDANCE WITH THE OSHA CADMIUM STANDARD - 29 CFR 1910.1027(m)(3)(ii).

SECTION 7 – HANDLING & STORAGE

PRECAUTIONS FOR SAFE HANDLING: WEAR FULL PROTECTIVE EQUIPMENT (SEE SECTION 8). USE WITH ADEQUATE VENTILATION. AVOID SCATTERING INTO THE AIR / GENERATING DUST. CLEAN SPILLS PROMPTLY AND AVOID RELEASE TO THE SEWER SYSTEM/ WATERWAYS/ENVIRONMENT. EMPLOY GOOD HOUSEKEEPING TECHNIQUES TO CONTROL DUST BUILD-UP ON EQUIPMENT AND WORK AREA. REMOVE CONTAMINATED EQUIPMENT/CLOTHING AND WASH THOROUGHLY AFTER HANDLING. KEEP CONTAINER SEALED WHEN NOT IN USE. DO NOT EAT, DRINK, SMOKE, CHEW TOBACCO OR GUM, APPLY COSMETICS WHILE HANDLING OR IN WORK AREA USING THIS PRODUCT.

CONDITIONS FOR SAFE STORAGE, INCLUDING INCOMPATIBILITIES: STORE ONLY IN THE ORIGINAL SEALED CONTAINERS IN A COOL, DRY AREA. STORE AWAY FROM FOOD, DRINK, ANIMAL FEEDSTUFFS. STORE AWAY FROM IGNITION SOURCES, CONCENTRATED ACIDS AND POWERFUL OXIDIZING AGENTS.

SECTION 8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

CONTROL PARAMETERS: SEE 29 CFR 1910.1027 FOR THE OSHA CADMIUM STANDARD

EXPOSURE LIMITS: U.S. OSHA PEL : 0.0025 mg/m³ TWA ACTION LEVEL AS Cd; 0.005 mg/m³ TWA, AS Cd; 0.2 mg/m³ TWA AND 0.6 mg/m³ CEILING LIMIT AS Cd DUST FOR DRY COLOR FORMULATORS; 0.2 mg/m³ TWA SELENIUM COMPOUND AS Se; 15 mg/m³ TWA TOTAL DUST AS BARIUM SULFATE, 5 mg/m³ TWA RESPIRABLE FRACTION AS BARIUM SULFATE

U.S. ACGIH TLV : 0.01 mg/m³ TWA, INHALABLE AS Cd, 0.002 mg/m³ TWA RESPIRABLE AS Cd; 0.2 mg/m³ TWA SELENIUM COMPOUND, AS Se; 10 mg/m³ TWA TOTAL DUST AS BARIUM SULFATE

APPROPRIATE ENGINEERING CONTROLS : USE LOCAL / MECHANICAL EXHAUST TO MAINTAIN AIR CONCENTRATIONS BELOW OCCUPATIONAL EXPOSURE STANDARDS (SEE ABOVE)

PERSONAL PROTECTIVE EQUIPMENT:

RESPIRATORY PROTECTION : HALF MASK AIR-PURIFYING RESPIRATOR EQUIPPED WITH A HIGH EFFICIENCY PARTICULATE AIR FILTER FOR AIRBORNE CONCENTRATIONS UP TO TEN TIMES THE PERMISSIBLE EXPOSURE LIMIT (SEE 29 CFR 1910.1027(g) FOR PROPER EQUIPMENT FOR HIGHER EXPOSURE LEVELS)

HAND PROTECTION : USE CHEMICAL RESISTANT GLOVES (RUBBER, PVC)

EYE PROTECTION : VENTED GOGGLES OR FULL FACE SHIELD OR OTHER APPROPRIATE PROTECTIVE EQUIPMENT THAT COMPLIES WITH 29 CFR 1910.133; ACCESS TO AN EYEWASH FOUNTAIN

OTHER PROTECTIVE EQUIPMENT : LABCOAT; COVERALLS TO PROTECT SKIN; HEAD COVERINGS, BOOTS OR FOOT COVERINGS; ACCESS TO A SAFETY DRENCH SHOWER

SECTION 9- PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE :	YELLOW, ORANGE, RED OR MAROON COLORED POWDER	FLAMMABLE LIMITS :	LEL:& UEL: (N/A)
ODOR :	NO ODOR	VAPOR PRESSURE (mm Hg) :	N/A
ODOR THRESHOLD :	N/A	VAPOR DENSITY (AIR=1) :	N/A
pH (5% IN WATER) :	APPROX. 7	RELATIVE DENSITY/SPECIFIC GRAVITY :	3.5 – 5.5
MELTING POINT / FREEZING POINT (°C) :	N/A	SOLUBILITY IN WATER (@20°C) :	INSOLUBLE
BOILING POINT (°C) :	N/A	PARTITION COEFFICIENT(n-OCTANOL/WATER) :	NO DATA AVAILABLE
FLASH POINT (°F) :	N/A	AUTO IGNITION TEMP. (°C) :	NOT KNOWN
EVAPORATION RATE :	N/A	DECOMPOSITION TEMP. :	>300 (572°F)
FLAMMABILITY :	NOT FLAMMABLE	VISCOSITY :	N/A

SECTION 10 – STABILITY AND REACTIVITY

REACTIVITY :	MAY REACT WITH STRONG ACIDS YIELDING TOXIC/FLAMMABLE HYDROGEN SULFIDE GAS, TOXIC HYDROGEN SELENIDE AND POSSIBLY SOLUBLE TOXIC CADMIUM SALTS
CHEMICAL STABILITY :	STABLE WHEN STORED IN SEALED PACKAGE UNDER RECOMMENDED STORAGE CONDITIONS
POSSIBILITY OF HAZARDOUS REACTIONS :	HAZARDOUS POLYMERIZATION WILL NOT OCCUR
CONDITIONS TO AVOID :	CONTACT WITH INCOMPATIBLES: HIGH HEAT (≥20°C or 536°F); DUST IN VICINITY OF IGNITION SOURCES, ELECTRICAL OR SPARK GENERATING EQUIPMENT
INCOMPATIBLE MATERIALS :	CONCENTRATED ACIDS, STRONG OXIDIZING AGENTS
HAZARDOUS DECOMPOSITION PRODUCTS :	FIRE/THERMAL DECOMPOSITION CAN PRODUCE HAZARDOUS FUMES (CADMIUM OXIDE, SELENIUM DIOXIDE) AND GASES (SULFUR DIOXIDE)

SECTION 11 – TOXICOLOGICAL INFORMATION

POTENTIAL HEALTH EFFECTS:	
ROUTES OF EXPOSURE :	SKIN, EYES, INHALATION, INGESTION
SKIN, EYES, INHALATION :	INHALATION OF DUST MAY CAUSE RESPIRATORY IRRITATION. DUST CONTACT WITH EYES MAY CAUSE IRRITATION.
INGESTION :	THIS ROUTE OF EXPOSURE IS NOT LIKELY. NO KNOWN EFFECTS.
CHRONIC:	GROSS OVEREXPOSURE OVER MANY YEARS MAY LEAD TO KIDNEY DAMAGE BUT THIS SHOULD NEVER HAPPEN GIVEN MODERN WORKING CONDITIONS
ACUTE TOXICITY :	A RANGE OF VALES HAVE BEEN REPORTED FOR SEVERAL SPECIES. ORAL LD ₅₀ VALUES ARE NORMALLY >5000 mg/kg
SKIN CORROSION / IRRITATION :	NOT EXPECTED TO BE IRRITATING
SERIOUS EYE DAMAGE / IRRITATION :	NO TEST DATA AVAILABLE; MAY CAUSE IRRITATION BUT BELOW GHS CLASSIFICATION
RESPIRATORY OR SKIN SENSITIZATION :	NOT EXPECTED TO BE SENSITIZING
GERM CELL MUTAGENICITY :	NO TEST DATA AVAILABLE; PRODUCER HAS NOT CLASSIFIED AS MUTAGEN
CARCINOGENICITY :	U.S. LISTED CARCINOGEN: NONE () OSHA (*) NTP (*) IARC (*) OTHER (*) AS GENERIC CLASS OF "CADMIUM AND CADMIUM COMPOUNDS": OSHA-Ca: CARCINOGEN DEFINED WITH NO FURTHER CATEGORIZATION; NTP-K: KNOWN TO BE A HUMAN CARCINOGEN; IARC-1: CARCINOGENIC TO HUMANS PRODUCER HAS ASSIGNED NO GHS CLASSIFICATION DUE TO THE EXTREME INSOLUBILITY OF CADMIUM PIGMENTS AS COMPARED TO OTHER CLASSIFIED SOLUBLE COMPOUNDS
REPRODUCTIVE TOXICITY :	NO GHS HAZARD CLASSIFICATION
SPECIFIC TARGET ORGAN TOXICITY :	SINGLE EXPOSURE: NO GHS HAZARD CLASSIFICATION; REPEATED/CHRONIC EXPOSURE: NO GHS HAZARD CLASSIFICATION-GROSS OVEREXPOSURE OVER MANY YEARS MAY LEAD TO KIDNEY DAMAGE
ASPIRATION HAZARD :	NO DATA AVAILABLE; NO GHS HAZARD CLASSIFICATION
INTERACTIVE EFFECTS:	NO DATA AVAILABLE

SECTION 12 – ECOLOGICAL INFORMATION

ECOTOXICITY :	THE EXTREME INSOLUBILITY OF THESE PIGMENTS INDICATE THAT THEY OFFER NO SIGNIFICANT HAZARD. NO ACTUAL TESTING HAS BEEN DONE AND AS SUCH, IT IS RECOMMENDED TO AVOID RELEASE TO THE ENVIRONMENT AND WATERWAYS.
TOXICITY - AQUATIC :	NO TEST DATA AVAILABLE
TOXICITY TO DAPHNIA :	NO TEST DATA AVAILABLE
TOXICITY - TERRESTRIAL :	NO TEST DATA AVAILABLE
PERSISTANCE & DEGRADABILITY:	HIGHLY STABLE INSOLUBLE INORGANIC COMPOUND – NOT EXPECTED TO DEGRADE IN THE ENVIRONMENT; NOT WITHIN THE DEFINITION OF PBT OR vPvB
BIOACCUMULATIVE POTENTIAL :	HIGHLY INSOLUBLE IN BOTH WATER AND ALL ORGANIC SOLVENTS – NOT EXPECTED TO BIOACCUMULATE
MOBILITY IN SOIL :	MOVEMENT OF THESE HIGHLY INSOLUBLE PRODUCTS THROUGH THE SOIL WILL ONLY OCCUR BY PHYSICAL MOVEMENT OF THE MATERIAL ITSELF.
OTHER ADVERSE EFFECTS :	NO FURTHER DATA AVAILABLE

SECTION 13 – DISPOSAL CONSIDERATIONS**DISPOSAL METHODS:**

DISPOSE OF CONTENTS / CONTAINER IN ACCORDANCE WITH LOCAL, REGIONAL, NATIONAL, INTERNATIONAL REGULATIONS. DISPOSE OF IN SEALED, IMPERMEABLE CONTAINERS, USING A LICENSED CHEMICAL WASTE HAULER. PER THE OSHA CADMIUM STANDARD, THE WARNING LABELS FOR CONTAINERS OF CONTAMINATED PROTECTIVE CLOTHING, EQUIPMENT, WASTE, SCRAP, OR DEBRIS SHALL INCLUDE AT LEAST THE FOLLOWING INFORMATION: DANGER CONTAINS CADMIUM MAY CAUSE CANCER CAUSES DAMAGE TO LUNGS AND KIDNEYS AVOID CREATING DUST

SECTION 14 – TRANSPORT INFORMATION

BY ROAD OR RAIL - U.S. D.O.T. REGULATED: YES () NO (X)

IF REGULATED, UN PROPER SHIPPING NAME:

UN IDENTIFICATION NO.: ()

U.S. MARINE POLLUTANT: YES () NO (X*)

EMERGENCY RESPONSE GUIDE NO.: ()

INLAND B/L:

*THOUGH THE GENERIC CATEGORY OF "CADMIUM AND CADMIUM COMPOUNDS" IS ON THE U.S. MARINE POLLUTANT LIST, CADMIUM PIGMENTS ARE NOT UN CLASSIFIED MARINE POLLUTANTS.

BY SEA - IMDG REGULATED: YES () NO (X)

BY AIR - IATA REGULATED: YES () NO (X)

SPECIAL PRECAUTIONS: READ SDS BEFORE HANDLING

NO (X)

PACKING GROUP: ()

SEVERE U.S. MARINE POLLUTANT:

RQ: (N/A)

HAZARD CLASS: ()

LABEL REQUIRED: ()

YES () NO (X)

SECTION 15 – REGULATORY INFORMATION

U.S. TSCA: WE CERTIFY THAT ALL COMPONENTS OF THIS PRODUCT ARE REGISTERED UNDER THE REGULATIONS OF THE TOXIC SUBSTANCES CONTROL ACT.

U.S. SARA TITLE III, SECT. 313: LISTED (X*) NOT LISTED ()

*ALL COLORS ARE LISTED AS CADMIUM COMPOUNDS.

YELLOWIS ARE ALSO LISTED AS ZINC COMPOUNDS.

ORANGES, REDS, MAROONS ARE ALSO LISTED AS SELENIUM COMPOUNDS.

U.S. RCRA HAZARDOUS WASTE: NO (*) YES ()

RCRA #: (*) *WASTE PRODUCT SHOULD BE TESTED (TCLP METHOD) TO SEE IF IT MEETS THE DEFINITION OF UNLISTED HAZARDOUS WASTE, CHARACTERISTIC OF TOXICITY FOR CADMIUM, D006. THE PIGMENT ITSELF, DUE TO ITS HIGH INSOLUBILITY, DOES NOT MEET THE SOLUBLE LEVEL FOR CADMIUM TO BE CLASSIFIED AS RCRA HAZARDOUS WASTE. WASTE LABELLING IS STILL REQUIRED UNDER THE OSHA CADMIUM STANDARD (SEE SECTION 13).

U.S. CERCLA: NO () YES (X*) RQ (*)

*AS PART OF THE GENERIC CATEGORY "CADMIUM AND COMPOUNDS" WITH NO RQ ASSIGNED TO THE GENERIC BROAD CLASS

U.S. CALIFORNIA PROPOSITION 65 LISTED: YES (X*)

NO () *AS PART OF THE GENERIC CATEGORY "CADMIUM AND COMPOUNDS"

HMIS: HEALTH (2)

FLAMMABILITY (0)

REACTIVITY (0)

SECTION 16 – OTHER INFORMATION

REVISION DATE: MAY 22, 2015

PREPARED BY: EHSA COORDINATOR / UNITED MINERAL & CHEMICAL CORP.

ABBREVIATIONS / ACRONYMS:

N/A=NOT APPLICABLE; LEL=LOWER EXPLOSION LIMIT; UEL=UPPER EXPLOSION LIMIT; PEL=PERMISSIBLE EXPOSURE LIMIT; STEL=SHORT TERM EXPOSURE LIMIT; TLV=THRESHOLD LIMIT VALUE; TWA=TIME WEIGHTED AVERAGE OVER 8 HOUR WORKDAY; LD₅₀ OR LC₅₀=LETHAL DOSE OR LETHAL CONCENTRATION THAT KILLS 50% OF DOSED GROUP; mg=MILLIGRAM; g=GRAM; kg=KILOGRAM; PPM=PARTS PER MILLION; m=METER; LOAEL=LOWEST OBSERVED ADVERSE EFFECT LEVEL; C.I.=COLOUR INDEX

IN ACCORDANCE WITH GOOD PRACTICES OF PERSONAL HYGIENE, HANDLE WITH DUE CARE AND AVOID ANY UNNECESSARY CONTACT WITH THIS PRODUCT. USE RECOMMENDED PERSONAL PROTECTION WHEN HANDLING (SEE SECTION 8).

THIS INFORMATION IS BEING SUPPLIED TO YOU UNDER OSHA "RIGHT TO KNOW" REGULATION 29 CFR 1910.1200 AND IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS PRODUCT SPECIFICATION. THE INFORMATION IS BELIEVED TO BE TRUE AND ACCURATE. NO WARRANTY, EXPRESSED OR IMPLIED, REGARDING THE ACCURACY OF THIS DATA, THE HAZARD CONNECTED WITH USE OF THE MATERIAL, OR THE RESULTS TO BE OBTAINED FROM THE USE THEREOF, IS MADE. UNITED MINERAL & CHEMICAL CORPORATION AND ITS SUPPLIERS ASSUME NO RESPONSIBILITY FOR DAMAGE OR INJURY FROM THE USE OF THE PRODUCT DESCRIBED HEREIN.

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